

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Hurricane Sandy - Polrep/Sitrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region II

Subject: SITREP #38
 Operations Continue
 Hurricane Sandy
 Edison, NJ
 Latitude: 40.4494047 Longitude: -74.4379073

To: Michael Hoppe, USEPA Region 02, ERRD-RPB

Thru: REOC Regional Incident Coordinator
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From: REOC Situation Unit Leader,
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Date: 12/5/2012

Reporting Period: 0700 hrs 12/5/12 thru 1900 hrs 12/5/12

Executive Summary

Executive Summary

In New Jersey, mitigation teams recovered several orphaned containers in the Navasink River and conducted recovery operations along the Raritan River during this operational period via boat operations. EPA completed orphaned container collection during this operational period.

Normal operations continued at PVSC and MCUA wastewater treatment plants, as well as the Lakewood (Ocean County) container staging and processing facility. Completion dates for operations at MCUA and PVSC are projected for December 8 and December 14, respectively. All materials at the Lakewood staging area are projected to be disposed of on or about December 21, 2012.

In New York City, recovery teams continued to collect HHW and orphaned containers in Brooklyn, Queens, and Staten Island. Materials collected throughout the Boroughs continued to be staged, processed, and prepared for disposal at Riis Park (Queens) and Fresh Kills (Staten Island).

At Floyd Bennett Field ACE is still awaiting a permit for the burning of non-chipped vegetative debris, while shipping of processed chips for beneficial reuse has been suspended. ACE is scheduled to meet with NYS' Department of Agriculture and Markets to discuss a waiver to release the woodchips. Two issues of concern are the invasive Asian Longhorn Beetle and the quality of the processed chips, which contain debris. A previously identified vendor has declined to accept the chips due to inferior chip quality.

Boat operations were completed in Jamaica Bay, and continued in South Oyster Bay (Nassau County).

Operations continued as normal at the Nickerson Beach staging area (Nassau) and the Babylon staging area (Suffolk). At Nickerson, offsite disposal of several containers continued during this operational period.

Discussions on the removal of HHW along Fire Island, a barrier island in Suffolk County, continued with EPA and local officials. EPA also continued preparations for receiving plans on the demolition of private homes in Seagate (Brooklyn), Breezy Point and the Rockaways (Queens), and communities near Cedar Grove (Staten Island).

The total number of containers of hazardous materials collected in NY and NJ to date is 100,244.

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: Stafford Act	Response Type: Emergency
Response Lead: FEMA	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 10/29/2012	Start Date: 10/29/2012
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:

1.1.1 Incident Category

Hurricane Disaster Response

1.1.2 Site Description

1.1.2.1 Location

Ten counties were originally declared eligible for Public Assistance in New Jersey: Atlantic, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean, Somerset, Bergen, and Union. On November 5, 2012 FEMA declared the remaining New Jersey counties eligible for public assistance: Cumberland, Salem, Gloucester, Camden, Burlington, Mercer, Hunterdon, Warren, Morris, Sussex, and Passaic. Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester, and Suffolk. On November 14, 2012 FEMA declared an additional 4 counties eligible for Individual and Public Assistance: Orange, Putnam, Sullivan, and Ulster.

1.1.2.2 Description of Threat

Releases of oil and chemicals as a direct result of high winds and flooding. Damage to facilities located within the impacted area have the potential to transport containers, waste, and process equipment that may contain hazardous materials. High winds from hurricane Sandy have caused transformer poles to fall and substations to catch fire and cause additional hazards throughout communities. Storm surges along the coast line and inner waterways have moved sand, sediments, and sludge into residential and business properties. Several coastal communities have reported widespread devastation.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary Removal Assessments and Site Inspections were not formally conducted at all EPA sites. Project managers took numerous steps at Superfund Sites in efforts to prepare for Hurricane Sandy. Damage assessments at Removal and Remedial Sites were conducted by RPMs, OSCs, and other agency personnel. Any issues at sites as a result of Hurricane Sandy have been resolved.

1.2 Incident Objectives

Incident Objectives

- 1) The health and safety of our responders is the highest priority.
- 2) Ensure health and safety of the public by conducting environmental assessments, controlling hazards, and operating in accordance with the approved site safety and quality assurance sampling plans.
- 3) Assess needs and support the sustained operation of public drinking water facilities impacted by the storm. This is the agency's current operational priority. Assess needs and support the sustained operation of waste water facilities impacted by the storm.
- 4) Conduct aggressive air, ground and water recon and investigation activities to identify active and potential pollution targets, as well as confirm extent of hurricane damage to oil and chemical facilities and critical infrastructure.
- 5) Rapidly control, contain and mitigate all sources of pollution threatening or impacting public health and the environment, to include the navigable waterways. Coordinate actions with the States.
- 6) Manage a coordinated response effort with local, state, federal and industry partners and ensure adherence to policies, practices and plans of each. Assure that all stakeholders are informed of response activities and enhance proactive media and community outreach programs.
- 7) Manage a financial system that ensures accurate, efficient and effective accounting of resources continually monitor ESF #10 funds and adjust operations as needed.
- 8) Pursue and deploy any resources needed to support and sustain agency missions.

1.3 Critical Resource Needs

Critical Resource Needs

Critical Needs to maintain operational status and projected operational goals are being coordinated through the Resource Unit Leader. EPA is working closely with local, state, and federal partners to coordinate critical needs of facilities that have been impacted. Liaison Officers in the FEMA JFOs continue to coordinate with other ESF partners on addressing needs.

1.4 Strategic Considerations

Strategic Considerations

- 1) Develop work products, deliver necessary briefings, and arrange field oversight to ensure the health and safety of responders.
- 2) Ensure staffing adjustments meet current operational needs.
- 3) Provide direct work and/or technical support to collect HHW.
- 4) Provide technical assistance to local and State governments on debris removal, including options to maximize recycling and composting.
- 5) Coordinate efforts with States to identify needs and resolve issues.
- 6) The PVSC and MUCA waste water facility responses are a high priority.
- 7) Assure timely and accurate data management to enhance the operational function of the ESF #10 response effort with a high emphasis on drinking water and waste water reporting.
- 8) Accurately document ESF #10 response actions and ensure it is captured in appropriate official repositories.
- 9) Support the regional and national public affairs needs to provide effective messaging.

2. Current Activities

2.1 Operations Section

DIVISION NEW JERSEY

Eight counties were initially declared eligible for Public Assistance in New Jersey. Two additional counties, Cumberland and Hudson, were added on November 3, 2012. On November 5, 2012, FEMA declared all remaining New Jersey counties eligible for Public Assistance.

On December 5, 2012, all reconnaissance and assessment activities in the State of New Jersey have been completed. Future EPA activities will consist of assisting the two wastewater plants and disposal of materials from the Lakewood Staging pad.

NEW JERSEY RESPONSE ACTIONS

Field operations were focused on providing continued support by the Waste Water Assessment Teams to one large waste water treatment facility in Essex County and Mitigation Support efforts in Ocean, Monmouth, and Middlesex Counties.

Wastewater Facilities (NJ)

Passaic Valley Sewerage Commission (PVSC)

PVSC continues to work on the repair and/or replacement of equipment and electrical systems throughout the facility, and is making significant progress towards restoration of the facility's pre-storm removal efficiencies. PVSC continued to meet its effluent TSS permit requirements.

Due to their continuing ability to bring the facility's dewatering capabilities back on-line, on December 4, 2012, PVSC gave Synagro the contractually required 3 days' notice to discontinue operation of three of the ten mobile centrifuges. All of the old sludge remaining in the storage and process tanks since the hurricane shutdown has now been dewatered.

Power-washing operations being conducted by EPA's ERRS contractor continue. These activities are being conducted in coordination with PVSC to augment PVSC's cleanout of the impacted tunnels and basements as a means of re-energizing pumps, motors, and electrical systems. ERRS will continue power-washing operations in coordination with PVSC personnel until December 14, 2012.

Middlesex County Utility Authority (MCUA)

EPA continued steam-washing activities at the Sayreville Relief Pump Station (SRPS). The cleaning crew is utilizing scissor lifts to reach the higher elevations of the bottom room of the SRPS. It is anticipated that the SRPS cleaning will be completed by close of business on December 5, 2012.

EPA has been asked to clean one additional room under the screening room at Sayreville Pump Station. Additional cleaning is projected to last an extra two days. Additional cleaning should be completed by Monday December 10, 2012.

Pumping Status: MCUA continues to take all measures to minimize pumping to the Washington Canal (a tributary of the Raritan River System). Despite all best efforts, two pumps discharged to the canal on December 3, 2012:

- Pump #1 discharged from 2015 to 0135 EST. (5h20m);
- Pump #2 discharged from 2050 to 0100 EST. (3h50m);

Additionally, two pumps discharged to the canal on December 4, 2012:

- Pump #1 discharged from 2000 to 0230 EST. (6h30m);
- Pump #2 discharged from 2050 to 0200 EST. (5h10m).

Pump Station Repair Status: The repair schedule is still being refined. Currently it is anticipated that the first Sayreville station pump will be installed in the Original Sayreville Pump Station (OSPS) by 12/7/2012. That pump will provide a more permanent 40 MGD flow capacity in the system.

Mitigation Team (NJ)

In Ocean County, an EPA team traveled to the Lakewood Pad. The team continued to document and classify existing materials on the pad by hazardous characterization for containers holding flammable liquids. The on-site ERRS crew continued cutting of empty drums. Representatives from the EPA IMT Health and Safety visited the site on December 3, 2012 to review and observe site operations.

A second team conducted boat operations on Swimming River and Comptons Creek in Monmouth County on December 4, 2012 and locations on the Raritan River in Middlesex County on December 5, 2012. A total of twelve location points were closed. Hazmat was recovered from nine locations. One location, EPA-T42-A-121123-003 could not be reached by boat because the creek was blocked by a low bridge.

New Jersey Hazardous Waste Summary *						Operational Period: 12/05/2012		
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (≤5 gal)	Op-Period Totals	Location Cumulative Totals
Edison Staging Area	0	0	0	0	0	0	0	56
Lakewood Staging Area	8	0	0	0	0	0	8	247
Vineland Container Storage Facility**	0	0	0	0	0	0	0	24
Daily Total	8							
Cumulative Total	327							

* All Counts Based on Initial Intake Locations. ** Staging areas are no longer collecting/managing HHW.

NEW YORK RESPONSE ACTIONS

Flyers distributed by community involvement coordinators (CICs) originally stated that curbside collection in NYC would be completed by December 2, 2012. Recovery crews collected a significant amount of volume following this deadline. New flyers have been distributed throughout NYC by CICs with a new date of December 9, 2012. Following this date, no additional curbside collection of HHW in NYC is anticipated.

Assessment Teams (NY)

An EPA assessment team conducted reconnaissance and recovery of HHW and orphaned containers in Sea Gate on the west end of Coney Island. An additional two EPA assessment teams performed reconnaissance and recovery operations by boat in the Jamaica Bay and South Oyster Bay (Nassau County)

areas.

EPA recovery teams continued HHW and orphaned container collection activities in storm affected areas in Breezy Point and Roxbury in the Rockaways area; and Gerritsen Beach, Manhattan Beach, Brighton Beach, Sea Gate, and West Coney Island, Brooklyn. Teams conducted street by street sweeps and contacted residents when available. All material recovered was transported to the Jacob Riis Park staging area for disposal.

On December 4, 2012, teams performed recovery operations in 3 locations in the Meadowbrook and Loop Parkway areas. On December 5, 2012, the team deployed to three locations in the area of Jones Beach. The team assessed and closed two of the locations and recovered. A third location was inaccessible by foot/motor vehicles and will require boat ops to close. The team recovered numerous hazmat ranging from 55-gal drums to smaller HHW.

Boat Operations

On December 4, 2012, an EPA recovery team performed assessment and recovery operations in Lido Beach, closing EPA target locations and recovering various small containers. The team continued assessments in Garret Marsh. On December 5, 2012, the team operated in the Freeport Creek and Long Beach areas of Jamaica Bay. The team assessed and closed two EPA locations identified from helicopter overflights. The team recovered numerous hazmat ranging from 55-gal drums to smaller HHW.

On December 4, 2012, a second EPA recovery team performed assessment and recovery operations on Ruffle Bar Island in Brooklyn County. The team recovered numerous hazmat ranging from 55-gal drums to smaller HHW. Boat operations for December 5, 2012 were suspended because of safety concerns due to high winds and choppy water.

Brooklyn HHW Collection

Collection continued in area between Sea Gate and Brighton Beach in the south central area of Coney Island on December 4, 2012 and in Hamilton Beach, Old Howard Beach, and Howard Beach south of Shore Parkway.

NYC Debris Management Plan

At Floyd Bennett Field, the ACE still awaits decision on a waiver from NYC to burn vegetative debris. During this operational period, EPA is scheduled to meet with NYS' Department of Agriculture and Markets regarding waivers needed to release piles of reprocessed chips. Issues pertaining to the waiver include the invasive Asian Longhorn Beetle larvae and the quality of the chips, which currently include debris. A vendor who had previously agreed to move the chips declined to do so due to inferior chip quality.

At Riis Park, the ACE's Right of Way collection completion deadline is December 31, 2012. Sifting and moving of sand from Riis Park to the beach continues. NYC Fire Department has washed streets followed by street cleaners collecting sand and debris, which are trucked to Riis Park.

Plans are under development to replace the wooden Staten Island Boardwalk, which moved off its piers during the storm, with concrete. Re-use options for the exotic wood is being researched.

Abandoned vehicles and boats continue to be removed from streets and placed in temporary storage. EPA received an updated plan for disposition of the abandoned vehicles and boats and continues to recommend environmentally friendly options.

Private Property Debris Removal (PPDR) operations in high impacted areas may commence on or near December 14, 2012. Currently, the universe of homes needing demolition is approximately 400 in four identified geographic areas: Rockaways, Breezy Point, Brooklyn/Seagate, and Staten Island. Right of entry (ROE) issues need resolution before demolition operations can commence. The ACE has obtained about 75 ROEs dispersed throughout the geographic areas, which require legal review. NYS is expected to conduct personnel monitoring and address any asbestos abatement/removal issues. EPA's role is expected to entail removal of oil in home basements, oil tanks and perimeter particulate air monitoring. A meeting among FEMA, ACE, and several NYC departments including Housing and Preservation occurred on December 4, 2012 to discuss EPA's role.

Sand located at Riis Park and other areas will not be utilized for the Mariner's Marsh Brownfields Project. All sand will be used for beach replenishment and other reuse projects.

Jacob Riis Park (Queens)

The Jacob Riis Park staging area continued to receive HHW from curbside pickup crews. EPA recovery teams continued HHW curbside collection activities in storm affected areas of the Rockaways and northeast Jamaica Bay.

The team moved large piles of sand to facilitate proposed enlargement of the pad to eventually accept material from drive-in drop offs. The ERRS contractor began laying out traffic lanes and building additional pads in the expanded area. On December 5, 2012, FOSC met on-site today with representatives from NPS and USACE contractor, ECC to provide a status report and to open communication lines for more efficient/coordinated work. Additionally, one truckload of non-hazardous waste totaling 220,000lbs of material containing latex paints and miscellaneous cleaners was transferred for disposal off-site to the Bridgeport United Recycling Inc.

Recovery teams continued street by street sweeps and contacting residents when available.

Fresh Kills Landfill (Staten Island)

HHW and orphaned container staging, categorization, sampling, and packaging for off-site disposal at Fresh Kills continued. Two recovery teams collected HHW and orphan containers throughout Staten Island.

Crushed white goods/scrap metal was transported to Donjon Iron & Metal on December 4, 2012. 40 cubic yards of metal, totaling 11,460 lbs, were shipped off-site for recycling. On December 5, 2012, nine cylinders of miscellaneous compressed gases were picked up for reclamation/recycling by GTS-Welco located in Newark, NJ.

Nassau County

EPA continued to work with NYSDC and local officials in responding to reports of orphaned containers primarily along the waterfront in Long Beach. Curbside collection of HHW and orphaned containers continued, as well as bulking, packaging, and disposal of materials at the Nickerson Beach pad.

- On December 4, 2012, 52 cubic yard boxes of latex were shipped to Tradabe in New Hampshire.
- On December 5, 2012, two 30 cubic yard rollofs of empty containers and associated debris went to Cumberland County Landfill in Virginia.

Suffolk County

An EPA assessment team conducted orphaned container recovery in the storm affected areas of Babylon, Patchogue, and Islip. All materials recovered were transported to the Babylon staging pad. It is anticipated that HHW drop off operations at the Babylon pad will be suspended by close of business December 14, 2012.

New York Hazardous Waste Summary *								
Operational Period: 12/05/2012								
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	Location Cumulative Totals
Cedar Grove Staging Area**	0	0	0	0	0	0	0	284
Fr. Capadano Park, Staten Island	0	0	0	0	0	0	0	7499
Fresh Kills Landfill Plant #1**	0	0	0	0	0	0	0	361
Fresh Kills Landfill Plant #2	3	0	3	1	0	287	294	5056
Islip Multipurpose Recycling Facility**	0	0	0	0	0	0	0	740
Jacob Riis Park, Queens, NY	15	53	8	0	1	1366	1443	22340
Nickerson Park	6	1	8	0	0	153	168	44405
Old Bethpage Landfill and Recycling Center**	0	0	0	0	0	0	0	5538
Patchogue WWTP**	0	0	0	0	0	0	0	565
Patchogue WWTP (Mastic Beach)**	0	0	0	0	0	0	0	1010
Riverhead Collection Area**	0	0	0	0	0	0	0	130
Port of Coeymans**	0	0	0	0	0	0	0	101
Venetian Shores Park	0	1	2	0	2	165	170	11888
Daily Total	2075							
Cumulative Total	99917							

Cumulative Hazardous Waste Summary *								
Operational Period: 12/05/2012								
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	State Cumulative
New York	24	55	21	1	3	1971	2075	99917
New Jersey	8	0	0	0	0	0	8	327
Op-Period Totals	32	55	21	1	3	1971	2083	
Cumulative Totals	546	2318	1354	470	275	95281		
Daily Total	2083							
Grand Cumulative	100244							

* All Counts Based on Initial Intake Locations. ** Staging areas are no longer collecting/managing HHW.

REGULATED FACILITIES

EPA has completed assessments of facilities regulated under SPCC, FRP, and RMP programs. Several facilities were found to be impacted by Hurricane Sandy and have been reported previously, such as Motiva, Phillips 66 Bayway, Alden Leeds, and Kinder Morgan Carteret. These facilities are currently being addressed by state and/or federal partners and need no additional EPA assistance at this time. No other facilities were found to be impacted needing EPA assistance. No further reporting of SPCC, FRP, and RMP facilities will be done unless significant operations or actions by EPA are required or requested.

The RCRA, LQG, PCB, Pesticides, and RCRA Corrective Action Groups have completed assessments and inspections of all identified facilities within the Hurricane Sandy operational area. Any issues or violations are being addressed through normal regional operations unless specified elsewhere in the SitRep.

DECA Information for 12/5/12 Situation Report**Underground Storage Tanks:****Summary of DECA UST personnel in field on 12/05/12:**

4 Teams of 2 UST inspectors are in the field performing follow-up assessments.

Summary of Site Assessments:

Up to 12/04/12: 586 UST assessments were completed, 175 require follow up assessments and/or compliance inspections. Current assessments are follow-ups as reflected in revised reporting format. 44 follow-up assessments were performed as of 12/4/12.

CUMULATIVE UST Follow –Up Assessments								
	NYC	Nassau	Suffolk	Westchester	Rockland	Upstate	Total	

Follow-up Universe	50	95	9	6	2	13	175
Follow-up Assessment Performed	32	12					44
Facility Flooded by Storm	28	8					36
No Power Now	2	1					3
Currently Operating UST	12	3					15
If Not operating why?*							
No Power	0						0
No Fuel	2						2
Storm Damaged Facility	10						10
Storm Damaged UST	2	1					3
Storm Damaged Dispenser	17	1					18
Other		6					6
Spills	1	1					2
Performing Release Detection?**	17	3					20

*May be more than one reason for a facility not operating

**USTs that are not in service are being monitored

Air Major Facilities in NY:

Summary of DECA Air personnel in field on 12/5/12: 3 air inspectors were performing site assessments on 12/3/12.

Summary of CAA Majors Facility Assessments: Up through 12/4/12:

State	Universe	Visited	Issues Requiring EPA Assessment
NY	173*	100	7^
* Universe recalculated to be 173 instead of 200^7 facilities that were previously visited had potential CFC violations: Staten Island: Global Scrap Metal, John Francesco Scrap Inc., J and J Recycling, and A. Supino Inc. Queens: Sims Metal East—LLC Queens Plant. Brooklyn: Gershow Recycling of Brooklyn. Bronx: Bronx Metal Recycling.			

2.2 Planning Section

PLANNING

The Planning Section continues to organize operational status reports, plan for the next operational period, and assist with needs in support of operations. The utilization of FlexViewer continues to grow as more regulatory programs commence and continue assessments. EPA personnel working in various regional offices are able to view data, generate maps, and become aware of the Common Operating Picture. ASPECT imagery has been uploaded and is being used to determine additional areas of assessment for drinking water facilities, wastewater facilities, HHW reconnaissance points, orphaned container recovery efforts, location of EOCs, potential staging areas, etc. This imagery will also be used when assessments to determine changes of the NJ and NY coast lines commence.

The Environmental Unit

Activities on December 4, 2012:

1. Floyd Bennet Field Perimeter Air Sampling

The validated data for PAHs, VOCs, and metals for pre-burn samples (collection date 11/19/2012) and test burn samples (collection date 11/28/2012) were evaluated by the Environmental Unit this afternoon with technical support from Regional risk assessors. The results of the evaluation are being reviewed by the Air Programs Branch (APB). Messaging will be coordinated with PIO and APB.

2. Demolition Activities

The Environmental Unit continues to develop an air sampling QAPP for potential demolition activities such as the demolition of private property in NYC.

Activities on December 5, 2012:

1. Floyd Bennet Field Perimeter Air Sampling

The Environmental Unit evaluation of the validated data for PAHs, VOCs, and metals for pre-burn samples (collection date 11/19/2012) and test burn samples (collection date 11/28/2012) was completed today and forwarded to PIO/PAD for messaging. The evaluation was completed with technical support from Regional risk assessors and input from the Air Programs Branch.

2. Sampling Location Maps

An updated set of official maps of sampling activities was generated by the Data Management Unit and were found by the EU to be current and accurate pending minor revisions.

3. Demolition Activities

The draft air sampling QAPP for potential demolition activities, such as the demolition of private property in NYC, was sent for review by the Air Programs Branch and by technical experts in DESA-MAB.

2.3 Logistics Section

Logistics

On December 4, 2012, Logistics was working on assessing their GSA vehicle fleet and determining which vehicles on site need to be serviced in order to be in full-working order. There are tentative plans to release some of the excess vehicles that aren't needed at this time. All incoming EPA employees have been assisted with lodging accommodations and minor modifications are being made as necessary.

On December 5, 2012, Logistics made contact with the command post repairman, who will be on site in Edison to make repairs on Dec 18th/19th. Hotel arrangements are continuing to be made and updated as needed. Hotel availability is still very scarce in Long Island and NY due to the upcoming holiday season. As of today, all incoming EPA employees have lodging and minor changes are being made as needed.

2.4 Finance Section

FINANCE

EPA continues to track costs and monitor funding levels against FEMA Mission Assignments. Current Mission Assignments and Estimated Expenditures and Daily Cost Burn as of 12/5/2012 @ 1330 hours:

Region, State	Agreement #, Current Expiration Date	Initial Agreement Date	Agreement Amount	Costs Incurred To Date	Estimated Burn Rate (\$/day)	Purpose
Region 2, New Jersey	4086DR-NJ-EPA-01, Expires 12/13/12	10/31/2012	\$400,000.00	\$330,507.62	\$9,180.77	ESF-10 EOC deployment and assessment assistance in NJ
Region 2, New Jersey	4086DR-NJ-EPA-02, Expires 12/10/12	11/2/2012	\$2,000,000.00	\$294,542.27	\$8,663.01	Drinking & Wastewater Assistance
Region 2, New Jersey	4086DR-NJ-EPA-03, Expires 12/10/12	11/4/2012	\$1,675,000.00	\$344,839.43	\$10,449.68	Technical Assistance for Environmental Assessments
Region 2 New Jersey	4086DR-NJ-EPA-04, Expires 03/02/13	11/3/2012	\$3,500,000.00	\$1,217,305.49	\$36,888.05	Direct Federal Assistance for oil/hazmat field ops
Region 2 New Jersey	4086DR-NJ-EPA-05, Expires 12/08/12	11/08/2012	\$1,275,000.00	\$963,635.91	\$35,690.22	REOC
Region 2 New York	4085DR-NY-EPA-02, Expires 12/30/12	11/04/2012	\$2,400,000.00	\$41,318.25	\$1,215.24	ESF-10 EOC deployment and assessment assistance in NY
Region 2 New York	4085DR-NY-EPA-01, Expires 12/01/12	11/2/2012	\$300,000.00	\$1,737,335.26	\$48,259.31	Drinking & Wastewater Assistance
Region 2 New York	4085DR-NY-EPA-04, Expires 12/04/12	11/7/2012	\$3,100,000.00	\$3,588,504.50	\$108,742.56	Technical Assistance for Environmental Assessments
Region 2 New York	4085DR-NY-EPA-03, Expires 12/01/12	11/7/2012	\$7,600,000.00	\$568,949.38	\$18,353.21	Direct Federal Assistance for oil/hazmat field ops
Region 2 New York	4085DR-NY-EPA-05, Expires 12/05/12	11/09/12	\$75,000.00	\$3,569.00	\$137.27	Dewatering Ops
TOTALS			\$22,330,000.00	\$9,101,091.95	\$233,361.33	

2.5 Other Command Staff

2.5.1 Safety Officer

On December 4, 2012, Assistant Safety Officers observed operations in Suffolk County NY; Boat Operations and MCOA Operations in Monmouth County, NJ; and the Orphan Container Pad in Ocean County NJ. In addition a JHA for ATV use in support of the areas around Jacob Riis Park, NY was completed.

On December 5, 2012, Safety visited the Jacob Riis Park HHW pad in NY. Safety accompanied boat operations in Jamaica Bay, NY. Safety visited curbside collection activities in Breezy Point, NY. Safety accompanied reconnaissance activities in the Bronx, NY. A new Assistant Safety Officer from Region 3 reported for duty today.

2.5.2 Liaison Officer

EPA is continuing to monitor the progress of the outstanding Mission Assignments with FEMA. This included the attendance of associated meetings as deemed appropriate. During the next operational period, EPA will continue to staff the ESF-10 desk at the NYS/FEMA EOC and NJS/FEMA EOC.

2.5.3 Information Officer

The PIO is Pat Seppi and can be reached at (646)369-0068.

December 4, 2012 PIO update:

Media inquiries included the Long Island Herald, Scienceline, and the Long Island Report. The PIO also received another inquiry from Senator Lautenberg's office but again, it was about the situation in Paulsboro, NJ. The PIO sent the Senator's office the latest update which was received at 8:00am.

The PIO posted to the web today the updated HHW NYC press release, the oil on soil flyer, the Passaic/Ironbound results, and the air curtain charts - which is not new data but was relayed previously in a table.

December 5, 2012 PIO update:

Media inquiries that remain open include questions from ScienceLine.org and the Long Island Report. PIO responded to a media inquiry from the Associated Press. Today, the PIO posted to the Web charts designed to show the air curtain particulate matter monitoring data from the November 28 and 29 test burns at Floyd Bennett Field, which is not new data but was relayed previously in a table format.

PIO had a Community Involvement Coordinator in Babylon and Fire Island conducting outreach and reconnaissance. Tomorrow, the PIO plans to send a Community Involvement Coordinator to the Rockaways in response to a request from an NGO.

3. Participating Entities

3.1 Unified Command

As of close of business November 28, 2012, EPA is no longer participating in the established Unified Command with the United States Coast Guard Sector New York. Should future requests require EPA support, EPA resources will be made readily available.

3.2 Cooperating Agencies

EPA is coordinating with a host of agencies on numerous efforts to assess, respond, recover, and mitigate environmental threats caused by Hurricane Sandy. Federal partners include FEMA, Army Corp. of Engineers, USCG, NOAA, and others. State agencies that EPA is coordinating efforts with include Departments of Health, Transportation, Sanitation, Parks, NYSDEC, NJDEP, Emergency Management, and others. County and local officials are also integrated in decision making and tactical assessments of situations.

4. Personnel On Site

Personnel on Site:

Region/State	Current EPA Personnel In Field (All Venues other than EPA Offices)	Current EPA Contractor Personnel In Field	EPA Personnel in REOC	Contractor Personnel in REOC	Total
Region 2			50	33	83
New York	21	119			140
New Jersey	3	30			33
Total	24	149	50	33	256

Number of EPA Personnel Deployed to Region 2 – Hurricane Sandy (12/05/12)

	OSCs	RMs	PIOs	Water Specialists	GIS Specialists	RPMs	CICs	Other (field capable)	Other (not field capable)	Total by Region
Region 1	6	0	0	0	0	0	1	1	1	9
Region 3	5	0	0	0	0	0	0	0	1	6
Region 4	0	0	0	0	0	0	0	0	0	0
Region 5	2	1	0	0	0	0	0	0	0	3
Region 6	3	0	0	0	0	0	0	0	0	3
Region 7	3	0	0	0	0	0	0	0	0	3
Region 8	0	0	0	0	0	0	0	1	0	1
Region 9	1	0	0	0	0	0	0		0	1
Region 10	0	0	0	0	0	0	0	0	0	0
HQ	0	0	0	0	0	0	0	1	0	1
ERT	0	0	0	0	1	0	0	3	2	6
CMAT	0	0	0	0	0	0	0	1	0	1
Total by job title	20	1	0	0	1	0	1	7	4	34

5. Definition of Terms

Definition of Terms

Assisting and Cooperating Agencies - Agencies who are assisting the EPA response, but are not a part of Unified Command.

E Goods - Electronic machines which contain hazardous components. Emergency Response - any activity undertaken by the Operations Section which mitigated an immediate threat to human health or the environment.

FRP - Facility Response Plan. Under the Clean Water Act, as amended by the Oil Pollution Act, a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of oil. Required by certain facilities that store and use large quantities of oil.

Household Hazardous Waste - Small quantity waste from households that contain corrosive, toxic, ignitable, or reactive ingredients is hazardous. This includes pesticides, paint, solvents, etc.

Hazardous Debris - Debris which contains compounds that make it inappropriate for municipal landfill disposal

Monitoring - Using equipment which will give limited real-time information about constituents in environmental media. This method is used most often for air and water testing.

RCRA - Resource Conservation and Recovery Act.

RMP- Risk Management Plan. Under the Clean Air Act, certain facilities with large quantities of toxic potentially air born chemicals whose releases may impact human populations are required to submit to EPA a plan for hazard assessment, prevention, and emergency response.

Sampling -The process of taking environmental media for analysis at a laboratory of its constituents. These tests may require multiple days to complete, but test for a wider array of constituents than monitors.

Small Container - any container with a potential capacity of less than 5 gallons.

TRI - Toxic Release Inventory - A publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Unified Command - A structure based on the Incident Command System (ICS) that brings together the Incident Commanders of all major organizations involved in the incident in order to coordinate an effective response, while at the same time allowing each to carry out their own jurisdictional, legal, and functional responsibilities.

White Goods - Large home electronics such as refrigerators, washing machines, and dryers.

WW - Wastewater Treatment Facilities

6. Additional sources of information

It is believed that all community drinking water and wastewater treatment system assessments have been completed. Therefore, these data will no longer be reported.

ADDITIONAL INFORMATION:

WEBSITE: <http://www.epaosc.org/HurricaneSandy>

INSTRUCTIONS FOR EPAOSC.NET:

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: www.epaosc.net, click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to find the site. Click on Hurricane Sandy. Once on the site, you can navigate to the documents that will be stored there.

FlexViewer :

WEBSITE: http://www.epa.gov/geospatial/ermaps/Region2_HurricaneSandy/

The EPA Region 2 Common Operating Picture is now available on FlexViewer. This interactive display is constant being updated with various information pertaining to assessments, resource locations, EOC locations, status of remedial/removal sites, water treatment facility locations, and many other. Individuals located within the EPA network may view the display and create their own maps, however the COP located in the Situation Unit adjusts to the needs of the operations.

If you find that you are having trouble viewing the website, please contact the EPA duty officer at (732) 906-6850

EPA Edison REOC

732-906-6850

Afterhours Notifications, National Response Center (NRC)	800-424-8802
Deputy Regional Incident Coordinator (DRIC) for NY, Neil Norrell	908-420-4512
Deputy Regional Incident Coordinator (DRIC) for NY, Bonnie Hriczko	908-420-4450
Deputy Regional Incident Coordinator (DRIC) for NJ, Christopher Jimenez	908-420-4484
Deputy Regional Incident Coordinator (DRIC) for NJ, Kelli Lucarino	908-421-2628
NY JFO (Queens), Michael Solecki, OSC	908-420-4501

NJ JFO (Middletown), Carl Pellegrino, OSC

908-420-4462

REPORTING SCHEDULE

Situation Reports are due out at 2300 hrs at the conclusion of that operational day.

Future Situation Reports will be made available on the following dates listed below:

December 7, 2012; December 10, 2012; December 12, 2012; December 14, 2012; December 21, 2012; and December 28, 2012.

7. Situational Reference Materials

Situation Reports for response activities in New Jersey and New York associated with Hurricane Sandy can be found at www.epaosc.org/HurricaneSandy.